

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1-10. (Cancelled).

11. (Previously Presented) A system, comprising:

a riveting device operable to rivet at least one component;

a light emitting element operably producing a light beam, the light emitting element connectable to the processing device;

a reference position of the light emitting element from which the light emitting element is alignable to operably direct the light beam towards a reference point on the at least one component;

at least one rivet connectable to the at least one component at the reference point; and

a variably projectable light beam.

12. (Previously presented) The system of Claim 11, wherein the variably projectable light beam is operably projected onto the component as one of a point and a diameter of the rivet.

13. (Previously presented) A system, comprising:

- a riveting device operable to rivet at least one component;
- a light emitting element operably producing a light beam, the light emitting element connectable to the processing device;
- a reference position of the light emitting element from which the light emitting element is alignable to operably direct the light beam towards a reference point on the at least one component;
- at least one rivet connectable to the at least one component at the reference point; and
- a variably focusable light beam.

14. (Previously presented) The system of Claim 13, wherein the variably focusable light beam is operably focused onto the component as one of a point and a diameter of the rivet.

15. (Previously presented) A riveting apparatus comprising:

a riveting device operable to drive at least one connecting element into permanent engagement with at least one component;

a light emitting element operably producing a light beam, the light emitting element attachable to the riveting device;

a reference position of the light emitting element from which the light emitting element is alignable to operably direct the light beam towards a reference point and the at least one connecting element connectable to the at least one component at the reference point;

a variably projectable light beam; and

a template, wherein the variably projectable light beam is in operable cooperation with the template such that a device-related interference contour is projectable onto the at least one component.

16. (Previously presented) The riveting apparatus of Claim 15, wherein the device-related interference contour includes one of a diameter of a mouthpiece, a device support diameter, and one of a plurality of geometric shapes including a square, a triangle and an ellipse.

17. (Previously presented) A riveting apparatus comprising:

a riveting device operable to force at least one connecting element into at least one component and to connect the at least one connecting element to the at least one component;

a light emitting element operably producing a light beam, the light emitting element connectable to the riveting device;

a reference position of the light emitting element from which the light emitting element is alignable to operably direct the light beam towards a reference point and the at least one connecting element connectable to the at least one component at the reference point;

a variably focusable light beam; and

a template, wherein the variably focusable light beam is in operable cooperation with the template such that a device-related interference contour is focusable onto the at least one component.

18. (Previously presented) The riveting apparatus of Claim 17, wherein the device-related interference contour includes one of a diameter of a mouthpiece, a device support diameter, and one of a plurality of geometric shapes including a square, a triangle and an ellipse.

19-33. (Cancelled).

34. (Previously presented) The riveting apparatus of Claim 15, wherein the at least one connecting element is at least one of a rivet, a punch rivet, a blind rivet, a rivet nut, a weld nut, a weld stud and a clip.

35. (Cancelled).

36. (Previously presented) The riveting apparatus of Claim 17, wherein the connecting element comprises at least one of a rivet, a punch rivet, a blind rivet, a rivet nut, a weld nut, a weld stud and a clip.

37. (Previously presented) The riveting apparatus of Claim 17, wherein the at least one connecting element is a rivet.

38. (Cancelled).

39. (Previously presented) The positioning aid of Claim 11, comprising a template, wherein the variably projectable light beam is in operable cooperation with the template such that a device-related interference contour is projectable onto the component.

40. (Previously presented) The positioning aid of Claim 39, wherein the device-related interference contour includes one of a diameter of a mouthpiece, a device support diameter, and one of a plurality of geometric shapes including a square, a triangle, and an ellipse.

41. (Previously presented) The positioning aid of Claim 13 comprising a template wherein the variably focusable light beam is in operable cooperation with the template such that a device-related interference contour is focusable onto the component.

42. (Previously presented) The positioning aid of Claim 41 wherein the device-related interference contour includes one of a diameter of a mouthpiece, a device support diameter, and one of a plurality of geometric shapes including a square, a triangle, and an ellipse.

43. (Previously presented) The riveting apparatus of Claim 15, wherein the at least one connecting element is a rivet.

44. (Previously presented) The riveting apparatus of Claim 15, wherein the at least one connecting element is a punch rivet.

45. (Previously presented) The riveting apparatus of Claim 15, wherein the at least one connecting element is a blind rivet.

46. (Previously presented) The riveting apparatus of Claim 15, wherein the at least one connecting element is a rivet nut.

47. (Previously presented) The riveting apparatus of Claim 15, wherein the at least one connecting element is a weld nut.

48. (Previously presented) The riveting apparatus of Claim 15, wherein the at least one connecting element is a weld stud.

49. (Previously presented) The riveting apparatus of Claim 15, wherein the at least one connecting element is a clip.

50. (Previously presented) The riveting apparatus of Claim 17, wherein the at least one connecting element is a punch rivet.

51. (Previously presented) The riveting apparatus of Claim 17, wherein the at least one connecting element is a blind rivet.

52. (Previously presented) The riveting apparatus of Claim 17, wherein the at least one connecting element is a rivet nut.

53. (Previously presented) The riveting apparatus of Claim 17, wherein the at least one connecting element is a weld nut.

54. (Previously presented) The riveting apparatus of Claim 17, wherein the at least one connecting element is a weld stud.

55. (Previously presented) The riveting apparatus of Claim 17, wherein the at least one connecting element is a clip.

56. (Cancelled).

57. (Currently amended) ~~The riveting apparatus of Claim 56 further comprising A~~
riveting apparatus comprising:

a riveting device operable to drive at least one rivet into permanent engagement with at least one automotive vehicle panel;

a light emitting element operably producing a light beam, the light emitting element attachable to the riveting device;

a reference position of the light emitting element from which the light emitting element is alignable to operably direct the light beam towards a reference point and the at least one rivet connectable to the at least one automotive vehicle panel at the reference point, the light beam obliquely directed from outside the riveting device onto the reference point; and

a template, wherein the variably projectable light beam in operable cooperation with the template such that a device-related interference contour is projectable onto the at least one automotive vehicle panel.

58. (Previously presented) The riveting apparatus of Claim 57, wherein the device-related interference contour includes one of a diameter of a mouthpiece, a device support diameter, and one of a plurality of geometric shapes including a square, a triangle and an ellipse.

59. (Previously presented) The riveting apparatus of Claim 57, wherein the light beam is a laser light beam.

60. (Cancelled)

61. (Currently amended) ~~The riveting apparatus of Claim 60 further comprising~~ A system, comprising:

a riveting device operable to a rivet at least one component;

a light emitting element operably producing a light beam, the light emitting element connectable to the processing device;

a reference position of the light emitting element from which the light emitting element is alignable to operably direct the light beam towards a reference point on the at least one component;

at least one rivet connectable to the at least one component at the reference point;

wherein the light beam is obliquely directed from outside the riveting device to the reference point; and

a template, wherein the variably projectable light beam in operable cooperation with the template such that a device-related interference contour is projectable onto the at least one component.

62. (Previously presented) The riveting apparatus of Claim 61, wherein the device-related interference contour includes one of a diameter of a mouthpiece, a device support diameter, and one of a plurality of geometric shapes including a square, a triangle and an ellipse.

63. (Currently amended) The riveting apparatus of Claim [[60]] 61, wherein the light beam is a laser light beam.